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Customer Number

Patent  
Case No.: 58885US007

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

First Named Inventor: KREPSKI, LARRY R.  
Application No.: 10/595959 Confirmation No.: 9672  
Filed: November 24, 2004  
Title: SUBSTITUTED IMIDAZO RING SYSTEMS AND METHODS

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**INFORMATION DISCLOSURE STATEMENT**

Mail Stop: Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR §§ 1.56, 1.97, and 1.98, enclosed is a completed Form PTO-1449, citing references submitted for consideration by the Examiner. It is respectfully requested that the Examiner initial and return the enclosed Form PTO-1449 to indicate that each reference has been considered.

Copies of any cited foreign patents, foreign publications, non-patent literature documents, and any pending U.S. applications filed before June 30, 2003, are enclosed. Copies of any pending U.S. applications filed after June 30, 2003 that can be accessed on the USPTO's IFW system are not enclosed as per USPTO Waiver dated September 21, 2004. Copies of any U.S. patents and published U.S. patent applications are not enclosed.

If a first Office Action on the merits has been mailed prior to the mailing date of this document, please charge the fee for consideration of an Information Disclosure Statement set forth in 37 CFR § 1.17(p).

Respectfully submitted,

1 SEPTEMBER 2006  
Date

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Office of Intellectual Property Counsel  
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<b>Substitute for form 1449A/PTO (modified)</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)  Page 1 of 6	<b>Application Number</b>	<b>10/595959</b>
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U.S. Patent Documents					
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		Doc. Number-(Kind Code if Known)			
	A1	US- 3,314,941	04-18-1967	Littell et al.	
	A2	US- 4,689,338	08-25-1987	John F. Gerster	
	A3	US- 4,698,348	10-06-1987	John F. Gerster	
	A4	US- 4,929,624	05-29-1990	Gerster et al.	
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	A29	US- 6,376,669	04-23-2002	Rice et al.	
	A30	US- 6,451,810	09-17-2002	Coleman et al.	
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	A86	US- 2004/0214851	10-28-2004	Birmachu et al.	
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		Ctry. Code	Number-KindCode (if known)				
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	B2	PCT	WO 05/018551	03-03-2005			
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	B19	PCT	WO 05/123079	12-29-2005			

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	B20	PCT	WO 05/123080	12-29-2005			
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	B22	PCT	WO 06/009832	01-26-2006			
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	B24	PCT	WO 06/026760	03-09-2006			
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	B31	PCT	WO 06/065280	06-22-2006			
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	B33	PCT	WO 06/083400	08-16-2006			
	B34	PCT	WO 06/083440	08-10-2006			
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	B38	JP	11-080156 A	03-26-1999			X
	B39	JP	11-222432	08-17-1999			X
	B40	JP	2000-247884 (abs)	09-12-2000			X
	B41	EP	0 394 026	10-24-1990			
	B42	EP	1 104 764	06-06-2001			

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS		
Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C1	Wozniak et al., "The Amination of 3-nitro-1, 5-naphthyridines by Liquid Ammonia/Potassium Permanganate <sup>1,2</sup> . A New and Convenient Amination Method.", <u>Journal of the Royal Netherlands Chemical Society</u> , 102, pp 511-513, December 12, 1983.

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	C2	Brennan et al., "Automated Bioassay of Interferons in Micro-test Plates.", <u>Biotechniques</u> , June/July, 78, 1983.
	C3	Testerman et al., "Cytokine Induction by the Immunomodulators Imiquimod and S-27609.", <u>Journal of Leukocyte Biology</u> , Volume 58, pp. 365-372, September 1995.
	C4	Bachman et al., "Synthesis of Substituted Quinolylamines. Derivatives of 4-Amino-7-Chloroquinoline.", <u>J. Org. Chem.</u> , 15, pp 1278-1284 (1950).
	C5	Jain et al., "Chemical and Pharmacological Investigations of Some $\omega$ -Substituted Alkylamino-3-aminopyridines.", <u>J. Med. Chem.</u> , 11, pp 87-92 (1968).
	C6	Baranov et al., "Pyrazoles, Imidazoles, and Other 5-Membered Rings.", <u>Chem. Abs.</u> 85, 94362, (1976).
	C7	Berényi et al., "Ring Transformation of Condensed Dihydro-as-triazines.", <u>J. Heterocyclic Chem.</u> , 18, pp 1537-1540 (1981).
	C8	Chollet et al., "Development of a Topically Active Imiquimod Formulation.", <u>Pharmaceutical Development and Technology</u> , 4(1), pp 35-43 (1999).
	C9	Izumi et al., "1H-Imidazo[4,5-c]quinoline Derivatives as Novel Potent TNF- $\alpha$ Suppressors: Synthesis and Structure-Activity Relationship of 1-, 2- and 4-Substituted 1H-imidazo[4,5-c]pyridines.", <u>Bioorganic &amp; Medicinal Chemistry</u> , 11, pp 2541-2550 (2003).
	C10	Stewart et al., "Synthesis of a Carba-analog of S - Acetyl Coenzyme A, Acetonyldethio Coenzyme A; an Effective Inhibitor of Citrate Synthase.", <u>Liebigs Ann. Chem.</u> , pp 57-65 (1978).

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